



CII | CII FCB-205 Series

TE Internal #: 4-1617758-9

General Purpose Power Relay, DC, Polarized, Monostable, 2 Form C DPDT-CO, 5 A Contact Rating, 28 VDC Coil Voltage, Socket Mount, CII FCB-205 Series

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Current Type: **DC**

Coil Magnetic System: **Polarized, Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Contact Current Rating: **5 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Coil Special Features	Coil Suppression Diode
Relay Options	Back EMF Suppression
Contact Arrangement	2 Form C DPDT-CO

Electrical Characteristics

Coil Resistance	500 Ω
Contact Current Rating	5 A
Coil Voltage Rating	28 VDC

Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

Contact Material	Silver Cadmium Oxide
Terminal Plating	Gold

Termination Features

Main Termination & Connection Type	Socket Pins
Coil Termination & Connection Type	Socket Pins



Mechanical Attachment

Product Mounting Feature Type	Mounting Brackets
Product Mount Type	Socket Mount

Usage Conditions

Operating Temperature Range	-70 – 125 °C[-94 – 257 °F]
Environmental Ambient Temperature (Max)	125 °C[257 °F]

Operation/Application

Vibration Resistance	30G's, 70 – 3000Hz
Shock Resistance	200G's, 6ms
Current Type	DC
Coil Magnetic System	Polarized, Monostable

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Cadmium oxide (10% in Component Part) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on



requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 5-1617787-3 FCB-405-0614L=M83536/6-014L	 TE Part # 6-1617787-3 FCB-405-0624L=M83536/6-024L	 TE Part # 1617787-3 FCB-405-0514L=M83536/5-014L	 TE Part # 8-1617760-0 FCB-405-0620M=M83536/6-020M
 TE Part # 4-1617787-3 FCB-405-0607M=M83536/6-007M	 TE Part # 6-1617760-3 FCB-405-0517M=M83536/5-017M	 TE Part # 7-1617760-3 FCB-405-0612L=M83536/6-012L	 TE Part # 9-1617786-8 FCB-405-0511M=M83536/5-011M
 TE Part # 1-1617799-0 FCB-405-BW4=4PDT 5 AMP RELAY	 TE Part # 3-1617787-3 FCB-405-0602L=M83536/6-002L	 TE Part # 8-1617760-6 FCB-405-0625M=M83536/6-025M	 TE Part # 9-1617760-6 FCB-405-AY4
 TE Part # 7-1617787-1 FCB-405-0630M=M83536/6-030M	 TE Part # 8-1617786-1 FCB-405-0503L=M83536/5-003L	 TE Part # 2-1617787-3 FCB-405-0529L=M83536/5-029L	 TE Part # 1-1617787-0 FCB-405-0520L=M83536/5-020L

Also in the Series | [CII FCB-205 Series](#)



DC Relays(41)

Electromechanical Relays(41)

PCB Relays(19)

Plug-In Relays(10)

Customers Also Bought

TE Part #CTJ920R06N-1050
RECP ASSY

TE Part #2342834-8
AVC19M FLAT S04 RGB R 500MM/1X6

TE Part #D369-R66-BS0
369 6 WAY REC, NO CONTACTS, SKT

TE Part #YCTJ122E04FC015000
ELEC MODULE

TE Part #K1060028
Relay 29-111-12

TE Part #2-1617088-7
3SAM6154N2 = 3SAM FULL SIZE LA

TE Part #1616081-1
A1077B (FAA/PMA)=RELAY

TE Part #YCTJ716K01DC017000
MODULE ASSY

TE Part #5-1617002-2
B07B112CC1-0301 = RELAY.

TE Part #YCTJ722K01CC017000
MODULE ASSY

Documents

Product Drawings
FCB-205-0224L=M83536/2-024L

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_4-1617758-9_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_4-1617758-9_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1617758-9_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[5-1773450-5_sec5_FCB-205](#)

English